



JAN 30 2004

Rev 01/04

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application : Frank Joseph Pompei  
Application No. : 10/697,208  
Filed : October 30.2003  
Confirmation No. : Unassigned  
For : DIRECTED ACOUSTIC SOUND SYSTEM  
Examiner : Unassigned  
Attorney's Docket : HOLOS-009XX

TC Art Unit: Unassigned

I hereby certify that this correspondence is being deposited with the  
United States Postal Service as first class mail in an envelope  
addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA  
22313-1450 on 1/28/04.

By:

Richard E. Gamache

Registration No. 39-196

Registration No. 55,156  
Attorney for Applicant(s)

## INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

It is desired to cite for the record in this application the enclosed references listed on the attached copy of PTO Form #1449. The paragraph(s) marked below are applicable to this Information Disclosure Statement.

[X] (1) Pursuant to 37 C.F.R. § 1.97(b)(1) and (2), the attached Information Disclosure Statement is being filed within three months of the filing date of the above identified national application or within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 of the above identified application. Accordingly, applicant(s) believes that no fee or statement under 37 C.F.R. § 1.97(e) is required.

Application No.: 10/697,208  
Filed: October 30, 2003  
TC Art Unit: Unassigned  
Confirmation No.: Unassigned

- [ ] (2) Pursuant to 37 C.F.R. § 1.97(b)(3), applicant(s) believes the attached Information Disclosure Statement is being filed before the mailing date of a first Office action on the merits. Accordingly, applicant(s) believes that no fee or statement under 37 C.F.R. § 1.97(e) is required.
- [ ] (3) Pursuant to 37 C.F.R. § 1.97(b)(4), applicant(s) believes the attached Information Disclosure Statement is being filed before the mailing date of a first Office action after the filing of a request for continued examination under § 1.114. Accordingly, applicant(s) believes that no fee or statement under 37 C.F.R. § 1.97(e) is required.
- [ ] (4) Pursuant to 37 C.F.R. § 1.97(c), the attached Information Disclosure Statement is being filed before the mailing date of a final action or a notice of allowance and is accompanied by:
- [ ] a statement under 37 CFR § 1.97(e); or
- [ ] the fee set forth in § 1.17(p).

PETITION UNDER 37 CFR § 1.97(d)

- [ ] (5) Pursuant to 37 CFR § 1.97(d), applicant(s) hereby petitions the Commissioner to consider the attached Information Disclosure Statement which is being filed on or before payment of the issue fee. This petition is accompanied by a statement under 37 C.F.R. § 1.97(e) and the petition fee set forth in 37 C.F.R. § 1.17(p).

STATEMENT UNDER 37 C.F.R. § 1.97(e) (1)

- [ ] (6) The undersigned hereby states that each item of information contained in the attached Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

STATEMENT UNDER 37 C.F.R. § 1.97(e) (2)

- [ ] (7) The undersigned hereby states that no item of information contained in the attached Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the undersigned after making reasonable inquiry, no item of

Application No.: 10/697,208  
Filed: October 30, 2003  
TC Art Unit: Unassigned  
Confirmation No.: Unassigned

information contained in the attached Information Disclosure Statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Where the status of the application has changed, unknown to the applicant, such that the boxes checked are no longer applicable, the Commissioner is authorized to accept this submission with any additional fees required by that change charged to Deposit Account No. 23-0804.

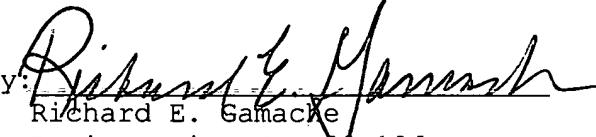
The filing of this Information Disclosure Statement is not a representation by the undersigned as to personal knowledge of the contents of every word or phrase of the material enclosed or that reliance on other suitably trained professionals has not been made.

If a search report of a searching agency is enclosed identifying the nature of the relevance of each document, such a designation is deemed to satisfy 37 C.F.R. § 1.98(a)(3) even if in a foreign language because the codes are the same in all languages. However, applicant(s) does not necessarily adopt the position reflected by that report.

The Commissioner is hereby authorized to charge payment of any additional fees associated with this communication or credit any overpayment to Deposit Account No. 23-0804. Triplicate copies of this letter are enclosed.

Respectfully submitted,

FRANK JOSEPH POMPEI

By:   
Richard E. Gamache  
Registration No. 30,196  
Attorney for Applicant(s)

WEINGARTEN, SCHURGIN,  
GAGNEBIN & LEOVICI LLP  
Ten Post Office Square  
Boston, Massachusetts 02109  
Telephone: (617) 542-2290  
Telecopier: (617) 451-0313

REG/lkw/301258  
Enclosure



Rev 01/04

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application : Frank Joseph Pompei  
Application No. : 10/697,208  
Filed : October 30.2003  
Confirmation No. : Unassigned  
For : DIRECTED ACOUSTIC SOUND SYSTEM  
Examiner : Unassigned  
Attorney's Docket : HOLOS-009XX

TC Art Unit: Unassigned

\*  
I hereby certify that this correspondence is being deposited with the  
United States Postal Service as first class mail in an envelope  
addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA  
22313-1450 on 1/28/04.

By:

*Richard E. Gamache*  
Richard E. Gamache  
Registration No.39,196  
Attorney for Applicant(s)

\* \*

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

It is desired to cite for the record in this application the enclosed references listed on the attached copy of PTO Form #1449. The paragraph(s) marked below are applicable to this Information Disclosure Statement.

- [X] (1) Pursuant to 37 C.F.R. § 1.97(b)(1) and (2), the attached Information Disclosure Statement is being filed within three months of the filing date of the above identified national application or within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 of the above identified application. Accordingly, applicant(s) believes that no fee or statement under 37 C.F.R. § 1.97(e) is required.

Application No.: 10/697,208  
Filed: October 30, 2003  
TC Art Unit: Unassigned  
Confirmation No.: Unassigned

- [ ] (2) Pursuant to 37 C.F.R. § 1.97(b)(3), applicant(s) believes the attached Information Disclosure Statement is being filed before the mailing date of a first Office action on the merits. Accordingly, applicant(s) believes that no fee or statement under 37 C.F.R. § 1.97(e) is required.
- [ ] (3) Pursuant to 37 C.F.R. § 1.97(b)(4), applicant(s) believes the attached Information Disclosure Statement is being filed before the mailing date of a first Office action after the filing of a request for continued examination under § 1.114. Accordingly, applicant(s) believes that no fee or statement under 37 C.F.R. § 1.97(e) is required.
- [ ] (4) Pursuant to 37 C.F.R. § 1.97(c), the attached Information Disclosure Statement is being filed before the mailing date of a final action or a notice of allowance and is accompanied by:
- [ ] a statement under 37 CFR § 1.97(e); or
- [ ] the fee set forth in § 1.17(p).

PETITION UNDER 37 CFR § 1.97(d)

- [ ] (5) Pursuant to 37 CFR § 1.97(d), applicant(s) hereby petitions the Commissioner to consider the attached Information Disclosure Statement which is being filed on or before payment of the issue fee. This petition is accompanied by a statement under 37 C.F.R. § 1.97(e) and the petition fee set forth in 37 C.F.R. § 1.17(p).

STATEMENT UNDER 37 C.F.R. § 1.97(e)(1)

- [ ] (6) The undersigned hereby states that each item of information contained in the attached Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

STATEMENT UNDER 37 C.F.R. § 1.97(e)(2)

- [ ] (7) The undersigned hereby states that no item of information contained in the attached Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the undersigned after making reasonable inquiry, no item of

Application No.: 10/697,208  
Filed: October 30, 2003  
TC Art Unit: Unassigned  
Confirmation No.: Unassigned

information contained in the attached Information Disclosure Statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Where the status of the application has changed, unknown to the applicant, such that the boxes checked are no longer applicable, the Commissioner is authorized to accept this submission with any additional fees required by that change charged to Deposit Account No. 23-0804.

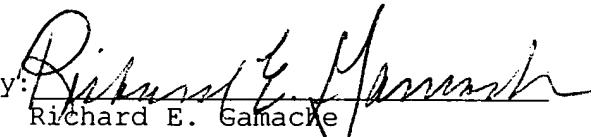
The filing of this Information Disclosure Statement is not a representation by the undersigned as to personal knowledge of the contents of every word or phrase of the material enclosed or that reliance on other suitably trained professionals has not been made.

If a search report of a searching agency is enclosed identifying the nature of the relevance of each document, such a designation is deemed to satisfy 37 C.F.R. § 1.98(a)(3) even if in a foreign language because the codes are the same in all languages. However, applicant(s) does not necessarily adopt the position reflected by that report.

The Commissioner is hereby authorized to charge payment of any additional fees associated with this communication or credit any overpayment to Deposit Account No. 23-0804. Triplicate copies of this letter are enclosed.

Respectfully submitted,

FRANK JOSEPH POMPEI

By:   
Richard E. Gamache  
Registration No. 39,196  
Attorney for Applicant(s)

WEINGARTEN, SCHURGIN,  
GAGNEBIN & LEBOVICI LLP  
Ten Post Office Square  
Boston, Massachusetts 02109  
Telephone: (617) 542-2290  
Telecopier: (617) 451-0313

REG/lkw/301258  
Enclosure

Date: January 28, 2004

Page 1 of 2

Form PTO-1449 (REV. 8-83)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. HOLOS-009XX	APPLICATION NO. 10/697,208
INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>		APPLICANT: Frank Joseph Pompei	
		FILING DATE October 20, 2003	GROUP Unassigned

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE*	
	US3,398,810	08/27/68	W.T. Clark III	181	.5		
	US 4,081,626	03/28/78	Muggli et al.	179	111		
	US 4,404,489	09/13/83	Larson, III et al.	310	334		
	US 4,603,408	07/29/86	Singhal et al.	367	92		
	US 4,695,986	09/22/87	Hossack	367	140		
	US 4,823,908	04/25/89	Tanaka et al.	181	175		
	US 4,887,248	12/12/89	Griebeler	367	181		
	US 4,963,782	10/16/90	Bui et al.	310	358		
	US 5,287,331	02/15/94	Schindel et al.	367	140		

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
	WO/0011911	03/02/00	PCT				
	WO/0115491 A1	03/01/01	PCT				
	WO/0108449 A1	02/01/01	PCT				
	GB2151025A	07/10/85	UK				

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

	10 <sup>th</sup> International Symposium on Nonlinear Acoustics, <u>On The Feasibility Of Narrow Beam Speech Transmission In Air Using Non Linear Interaction Of Ultrasonic Waves</u> , Bindal Vishwa Nath, SAKSENA Tribhuwan Kumar and MUKESH Chandra, National Physical Laboratory, Hillside Road, New Delhi-110012, India, pp. 141-145
	ACUSTICA, Vol. 4, 1954, No. 5, <u>Condenser Transmitters And Microphones With Solid Dielectric For Airborne Ultrasonics</u> , W. Kuhl, G.R. Schodder and F-K Schroder, III. Physikalisches Institute der Universitat Gottingen, pp. 519-532

EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Date: January 28, 2004

Page 2 of 2

Form PTO-1449 (REV. 8-83) 				U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. HOLOS-009XX		APPLICATION NO. 10/697,208	
INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				APPLICANT Frank Joseph Pompei					
				FILING DATE October 30. 2003		GROUP Unassigned			
U.S. PATENT DOCUMENTS									
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE*			
	US 5,600,610	02/04/97	Hill et al.	367	181				
	US 6,044,160	03/28/00	Norris	381	191				
	US4,246,449	05/13/86	Biber	179	111				
	US4,588,917	05/13/86	Ratcliff	310	316				
	US5,161,128	11/03/92	Kenney	367	181				
	US5,619,476	04/08/97	Haller et al.	367	181				
	US5,859,915	01/12/99	Norris	381	75				
	US5,870,351	02/09/99	Ladabaum et al.	367	163				
	US5,982,709	11/09/99	Ladabaum et al.	367	170				
	US6,016,351	01/18/00	Raida et al.	381	77				
FOREIGN PATENT DOCUMENTS									
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES      NO			
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)									
EXAMINER					DATE CONSIDERED				
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.									